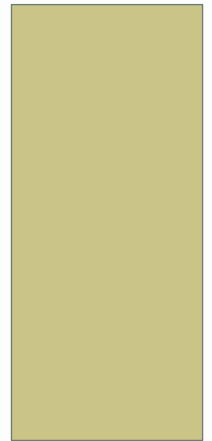


CHIQUITA CANYON LANDFILL PROPOSED EXPANSION

DRAFT ENVIRONMENTAL
IMPACT REPORT



LOCATION



EXISTING CONDITIONAL USE PERMIT (CUP)

- Maximum permitted disposal intake:
 - 6,000 tons per day
 - 30,000 tons per week
- Does not accept:
 - Liquid waste
 - Hazardous waste
 - Radioactive waste
 - Sludge/Sludge Components
- Permitted hours of operation:
 - 24 hours a day, 7 days a week
 - Except 5pm to 4am on Saturdays thru Mondays



EXISTING CONDITIONAL USE PERMIT (CUP)

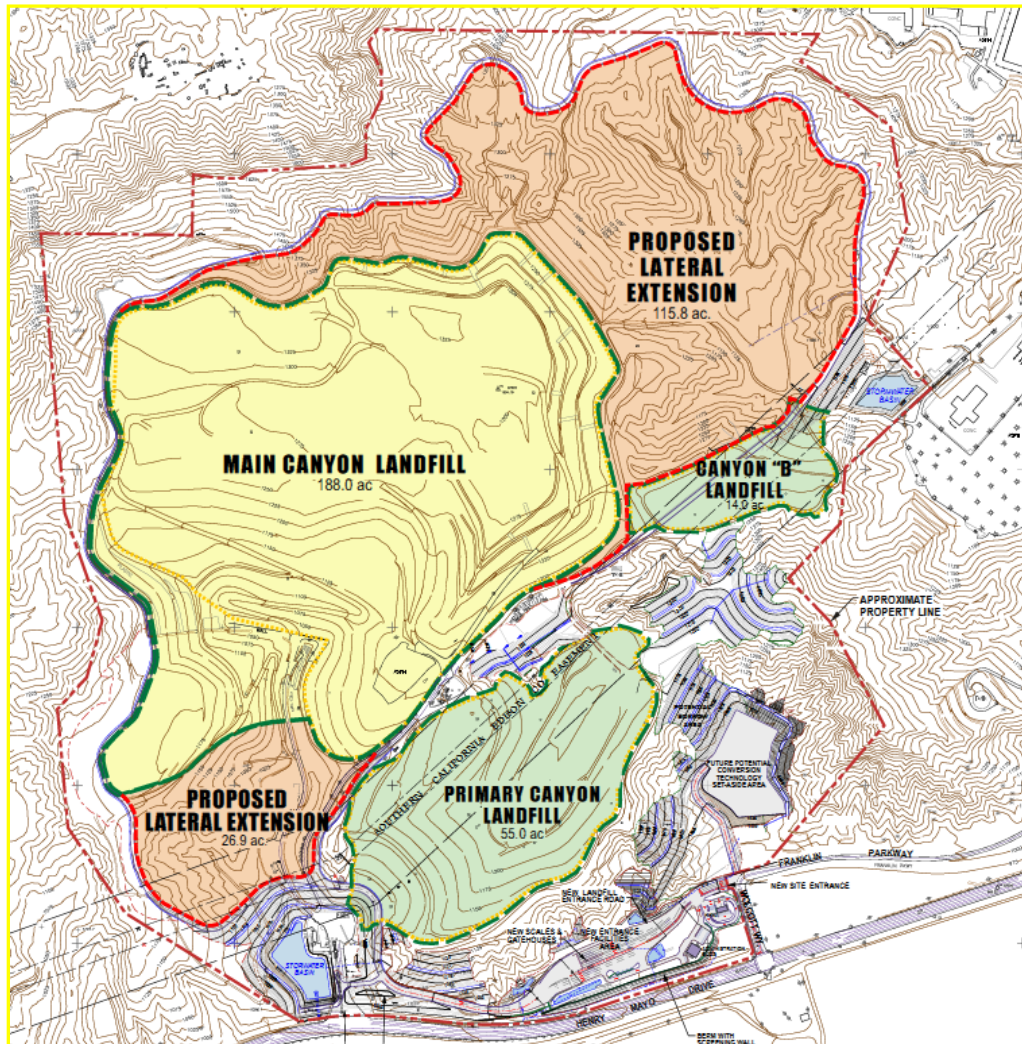
- Materials Recovery Facility
- Recyclable Household Hazardous Waste Facility
- Composting Facility (Windrow or In-vessel Technology)
 - 560 tons per day of green waste
 - End products: mulch, biomass fuel and compost
 - Total of 41 acres

EXPIRATION OF CURRENT CUP

- Maximum Elevation of 1,430 feet
 - Remaining Disposal Capacity: 23 million tons
 - Termination Date: November 24, 2019



PROPOSED EXPANSION



- Increase from 6,000 to 12,000 tpd; and 30,000 to 60,000 tpw
- Increase footprint from 257 to 400 acres
- Max. elevation from 1,430 to 1,573 feet
- Relocation of site entrance

ENVIRONMENTAL IMPACTS

- Potentially significant impact on following environmental issue areas before mitigation:
 - Geology and Hydrogeology
 - Surface Water Drainage
 - Water Quality
 - Biological Resources
 - Traffic and Transportation
 - Air Quality
 - Greenhouse Gas Emissions and Climate Change
- Proposed mitigation measures will reduce impacts to **Less than Significant** for all issue areas except for Air Quality, which is significant and unavoidable.

ENVIRONMENTAL IMPACTS - GEOLOGY AND HYDROGEOLOGY

- Debris Flow - Potential impact to existing drainage areas during heavy rains.
- Expansive Soil - Potential for buildings/structures to be located under bedrock of Pico and Saugus formations.
- **Mitigation Measures:**
 - Debris Flow - Provisions for control and cleanup
- Elevated development areas, drainage devices, impact walls, and debris basins
 - Expansive Soil - Testing of expansive properties of soils for proposed structures

ENVIRONMENTAL IMPACTS - SURFACE WATER DRAINAGE

- Mudflow - Potential impact to existing drainage areas during heavy rains.
- **Mitigation Measures:**
 - Evaluate and specify waiting time following heavy and sustained precipitation before staff occupies the area

ENVIRONMENTAL IMPACTS - WATER QUALITY

- Potential to:
 - Violate surface water and groundwater quality standards
 - Contaminate public water supply
 - Substantially degrade water quality
- **Mitigation Measures:**
 - **Comply with:**
 - NPDES Permits
 - California Code of Regulations Title 27 Requirements
 - Orders and WDRs issued by Regional Water Quality Control Board

ENVIRONMENTAL IMPACTS - BIOLOGICAL RESOURCES

- Vegetation Communities
- CDFW and USACE Jurisdictional Areas
- Nuisance Wildlife
- Wildlife Movement Corridors
- Downstream Water Quality
- Special-Status Plant and Reptile Species, Amphibians, Mammals, and Fish
- Federal- and State-Listed Bird Species
- Nesting and Foraging and Transient Bird Species of Special Concern
- Local Policies or Ordinances (SEAs & Protected Oak Trees)
- Conflicts with Habitat Conservation Plans or Other Conservation Plans

ENVIRONMENTAL IMPACTS - BIOLOGICAL RESOURCES

- **Mitigation Measures:**

- Develop a Revegetation Plan in consultation with Regional Planning
- Preconstruction surveys by qualified biologists for special-status species
- Construction monitoring in native vegetation while limiting disturbance
- Mitigation monitoring plan to be prepared and approved by DRP prior to award of any grading permit
- Permits from USACE and CDFW
- Vegetation removal shall be avoided during nesting season
- Finished/closed areas at the landfill shall be re-vegetated
- Oak Tree Permit

ENVIRONMENTAL IMPACTS - TRAFFIC AND TRANSPORTATION

- Temporary significant impact at intersection of Commerce Center Drive and SR-126 based on the County's Congestion Management Program (CMP)
- **Mitigation Measures:**
 - Commerce Center Drive/SR-126 improvement project
 - Under construction in 2015
 - Scheduled to be finished in 2016
 - Result in Level of Service (LOS) D or better during both AM and PM peak hours
 - LOS A (excellent) to LOS F (overloaded)
 - Impacts to be less than significant with implementation of the improvement project

ENVIRONMENTAL IMPACTS - AIR QUALITY

- PM_{10} annual and $PM_{2.5}$ 24-hour cumulative concentrations exceed their respective thresholds due to fugitive dust from travel on onsite paved roads
- **Mitigation Measures:**
 - Continuous watering of onsite paved roads.



ENVIRONMENTAL IMPACTS - GREENHOUSE GAS (GHG) EMISSIONS & CLIMATE CHANGE

- Generation of GHG emissions in exceedance of 7,000-MTCO₂e/yr significance threshold
- CEQA guidelines – operation activities may result in a potentially significant impact
- **Mitigation Measures:**
 - CARB interim performance standards will be implemented
 - Submit a GHG Reduction Plan (within 3 years of project approval)
 - Use smallest equipment possible to minimize tailpipe exhaust emissions
 - Energy conservation practices will be followed

STAFF ANALYSIS & RECOMMENDATION

- Household Hazardous Waste Facility
- Mixed Organics Composting
- Land Set-Aside for Potential Future Conversion Technology Facility
- Staff recommends the Task Force to send a letter to Waste Connections with comments on the following issues:
 - Clarification of the water supply for dust control and irrigation uses
 - Visual Resources – significant and unavoidable with incorporation of cumulative projects (Newhall Land & Farming Co. Projects)
- Public Review & Comment Period:
 - July 10, 2014 to August 24, 2014